



1/11/2007 281648

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/774,888
		Filing Date	February 1, 2001
		First Named Inventor	Jun KOYAMA et al.
		Group Art Unit	3194
		Examiner Name	Howard Weiss
Total Number of Pages in This Submission		Attorney Docket Number	740756-2255

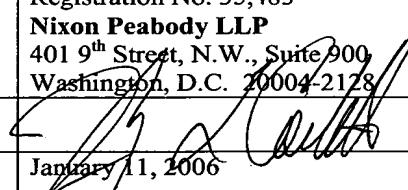
### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Response to Election/Restriction Requirement <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input type="checkbox"/> A self-addressed prepaid postcard for acknowledging receipt <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  PTO Form 1449 with 21 cited references	
			<input type="checkbox"/> Assignment Papers <i>(for an Application)</i>
			<input type="checkbox"/> Drawing(s)
			<input type="checkbox"/> Declaration and Power of Attorney
			<input type="checkbox"/> Licensing-related Papers
			<input type="checkbox"/> Petition
			<input type="checkbox"/> Petition to Convert to a Provisional Application
			<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address
			<input type="checkbox"/> Terminal Disclaimer
			<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____			

#### Remarks

The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jeffrey L. Costellia Registration No. 35,483 <b>Nixon Peabody LLP</b> 401 9 <sup>th</sup> Street, N.W., Suite 900 Washington, D.C. 20004-2128
Signature	
Date	January 11, 2006

### CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

- deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop \_\_\_\_\_, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450
- transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300 \_\_\_\_\_.

Date

Signature

Typed or printed name

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEET TRANSMITTAL FOR FY 2005

Complete if Known

Application Number	09/774,888
Filing Date	February 1, 2001
First Named Inventor	Jun KOYAMA et al.
Examiner Name	Howard Weiss
TOTAL AMOUNT OF PAYMENT	(\$180.00)
Art Unit	2814
Attorney Docket No.	740270-2255

**O P E**  
**JAN 11 2007**  
**PTO-84A (2007)**

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 19-2380 Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

under 37 CFR 1.16 and 1.17

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2028.

## FEE CALCULATION

### 1. BASIC FILING, SEARCH AND EXAMINATION FEES

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fees Paid (\$)</u>
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

### 2. EXCESS CLAIM FEES

<u>Fee Description</u>	<u>Fee (\$)</u>	<u>Small Entity</u>
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple document claims	360	180
<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>
- 20 or HP =	_____	_____

HP = highest number of total claims paid for, if greater than 20

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 3 or HP =	_____	_____	_____

HP = highest number of independent claims paid for, if greater than 3

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	_____	/ 50 = _____ (round up to a whole number)	_____	_____ = _____

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) \_\_\_\_\_

Other: Information Disclosure Statement \_\_\_\_\_ \$180.00

## SUBMITTED BY

Signature		Registration No. 35,483 (Attorney/Agent)	Telephone 202 585 8000
Name (Print/Type)	Jeffrey L. Costellia	Date January 11, 2006	

SEND TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



Docket No: 740756-2255

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: )  
Jun KOYAMA et al. ) Group Art Unit: 2814  
Application No.: 09/774,888 ) Examiner: Howard Weiss  
Filed: February 1, 2001 ) Confirmation No.: 3194  
For: SEMICONDUCTOR DEVICE ) Date: January 11, 2007  
INCLUDING NONVOLATILE )  
MEMORY ARRAY )

**INFORMATION DISCLOSURE STATEMENT**

United States Patent and Trademark Office  
Customer Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. In accordance with the PTO notice dated July 11, 2003, waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting copies of each cited U.S. Patent, for all U.S. national patent applications filed after June 30, 2003, no copies of U.S. Patents are enclosed. However, copies of foreign patents and non-patent literature are submitted under 37 CFR 1.98(a)(2).

Applicants further would like to direct Examiner's attention to the family relationships of certain documents listed as follows:

US-6,156,590 is in the same family as JP-11-008393;

US-6,121,660 is in the same family as JP-11-097706 & JP-11-103068;

US-6,399,960 is in the same family as JP-2000-026598 2000-026598 32EWIE1 00000085 192380 09774888

US-6,274,887 is in the same family as JP-2000-208777; 180.00 DA

US-6,909,114 is in the same family as JP-2001-094113; and

US-6,576,926 is in the same family as JP-2000-312007.

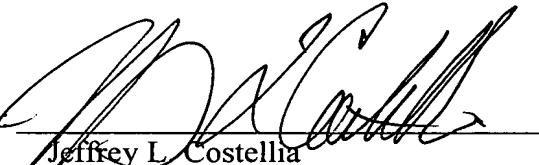
A payment in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c).

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By



Jeffrey L. Costello  
Registration No. 35,483

NIXON PEABODY LLP  
401 9<sup>th</sup> Street, N.W.  
Suite 900  
Washington, D.C. 20004-2128

Phone: (202) 585-8000

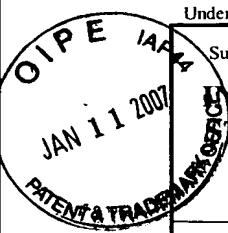
Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
*(Corrected)*

Sheet 1 of 1

*Complete if Known*

Application Number	09/774,888
Filing Date	February 1, 2001
First Named Inventor	Jun KOYAMA et al.
Group Art Unit	2814
Examiner Name	Howard Weiss
Attorney Docket Number	740756-2255

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		US-6,288,419 B1		Prall et al.	09-11-2001	
		US-6,184,550 B1		Van Bushkirk et al.	02-06-2001	
		US-5,766,997		Takeuchi	06-16-1998	
		US-5,405,796		Jones, Jr.	04-11-1995	
		US-5,049,975		Ajika et al.	09-17-1991	
		US-5,665,210		Yamazaki	09-09-1997	
		US-5,523,257		Yamazaki et al.	06-04-1996	
		US-5,736,750		Yamazaki et al.	04-07-1998	
		US-6,156,590		Yamazaki et al.	12-05-2000	
		US-6,121,660		Yamazaki et al.	09-19-2000	
		US-6,399,960 B1		Yamazaki et al.	06-04-2002	
		US-6,274,887 B1		Yamazaki et al.	08-14-2001	
		US-6,909,114 B1		Yamazaki	06-21-2005	
		US-6,576,926 B1		Yamazaki et al.	06-10-2003	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP-11-008393			01-12-1999		AB
		JP-11-097706			04-09-1999		AB
		JP-11-103068			04-13-1999		AB
		JP-2000-036598			02-02-2000		AB
		JP-2000-208777			07-28-2000		AB
		JP-2001-094113			04-06-2001		AB
		JP-2000-312007			11-07-2000		AB

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.